VideoMate Vista E850F

Hybrid D/A HW2 PCIe Tuner Card
Start Up Guide

Compro Technology, Inc.
www.comprousa.com

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Compro Technology, Inc.
Tel. +886 2 2918 0169, Fax +886 2 2915 2389
4/F, No.12, Alley 6, Lane 45, Pao Shin Road
Hsintein City, Taipei, Taiwan.
www.comprousa.com

VideoMate Vista E850F PCIe Tuner Card

Compro VideoMate Vista E850F is a hybrid PCIe DVB-T and analog TV/FM tuner card with the powerful real-time hardware MPEG-1/2/4 encoding engine. You can hardware encode DVD / MPEG-2 TV shows and hardware timeshift for instant replay of live TV without heavy CPU loading as a high-end DVD recorder. Vista E850F bundles the Microsoft certified Windows Media Center remote to controls the Windows Media Center and ComproDTV 4. It turns your computer into a home entertainment center by bringing you digital/analog TV viewing, video/audio capturing, and high quality 480i to 576p component video input and is certified for Windows Vista 32/64 bit.

MINIMUM SYSTEM REQUIREMENTS

Your PC must meet or exceed the following system requirements to watch TV on your PC.

- PIII 1.7 GHz or equivalent CPU for DVD-Quality recording or timeshifting
- 512 MB System Memory
- Sound card.
- Open PCI Express x1 slot.
- CD-ROM drive for software installation.
- Windows XP SP2 or Vista 32/64 bit
- 50 MB free disk space for basic software installation.

RECOMMENDED SYSTEM REQUIREMENTS

To use all the features of VideoMate Vista E850F PCIe card, your PC should meet the following requirements.

- P4 2.6 GHz CPU (with SSE 2) for HDTV watching and recording
- P4 3.0 GHz (with SSE 2) for PIP mode with five windows.
- 1.0 GB System Memory
- Sound card
- Open PCI Express x1 slot.
- CD-ROM for software installation
- Windows XP SP2 or Vista 32/64 bit
- Update the latest VGA, motherboard, and soundcard drivers.
- 50 MB free space for software installation
- ATX power supply and a computer case with a separate power switch cable from power on button.

Note

In order to receive digital terrestrial TV broadcast, you needs to have your own antenna which is crucial. Digital terrestrial TV broadcast uses about the same wave (UHF) as analog TV. It's recommended to have a fishbone-like antenna on the roof for receiving. More details can be found in the troubleshooting chapter of this manual.

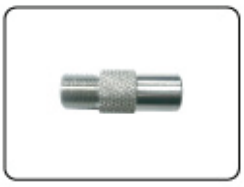
Digital TV broadcast is different than normal analog TV. You will see no picture instead of noisy or blurred picture when the signal is too weak. Make sure you have a good antenna and strong digital TV signal in your location. Or you will have no TV picture at all.

VideoMate Vista E850F Package Contents

Vista E850F TV card

Windows Media Center remote

Batteries



I-type to F-type converter

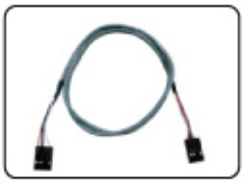
FM antenna

FM converter cable

IR cable

Power switch patch cable

6 in 1 Audio/video cable



AUX-Out Audio cable

Installation CD

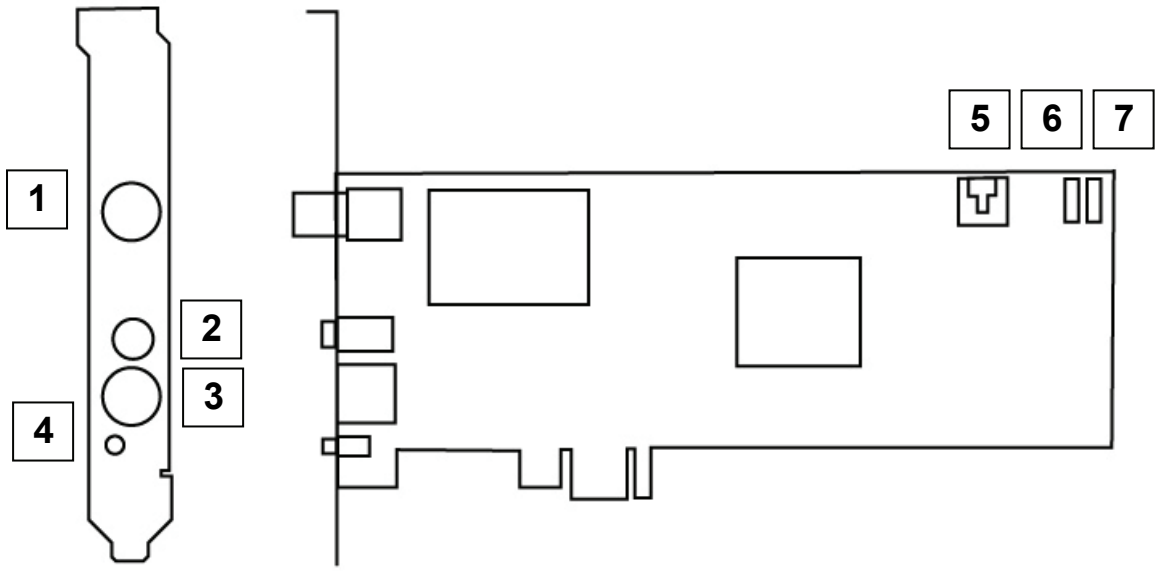
Ulead Software CD

Low-Profile Bracket

Start Up Guide

Note: The VideoMate Vista E850F TV card using PCI audio as default. The AUX-Out cable only apply when you XP system encounter some audio problem.

VideoMate Vista E850F Connectors



Item	Function	Description
1	TV Tuner-In (1)	Analog TV or digital TV cable/antenna input
2	FM Tuner-In	Connect to an FM antenna feed.
3 9-pin connector for (6 in 1 converter cable)	Audio-In (Blue)	Use an audio patch cable to connect to an audio source, such as a VCR, DVD or VCD. (Option for audio patch cable, not included in the package)
	S-Video-In (Black)	Use an S-Video patch cable to connect to a video source, such as a VCR, DVD or VCD. (Option for S-video patch cable, not included in the package)
	Composite-In (Yellow)	Use a Composite video patch cable to connect to a video source, such as a VCR, DVD or VCD. (Option for composite video patch cable, not included in the package)
	Component Video Input (Green)	Connect to the video device with component video output (Component video cable not included in the package)
	Component Video Input (Red)	Connect to the video device with component video output (Component video cable not included in the package)
	Component Video Input (Blue)	Connect to the video device with component video output (Component video cable not included in the package)
4	IR	Connect the IR receiver here.
5	AUX-Out audio (for XP system)	Connect to the AUX-In or CD-In connector of mainboard
6	To Case Power Switch	Connect the ATX Power Switch cable of your computer case here.
7	To Mainboard Power Switch Connector	Use the supplied power switch patch cable to connect to the ATX Power Switch pins on the mainboard.

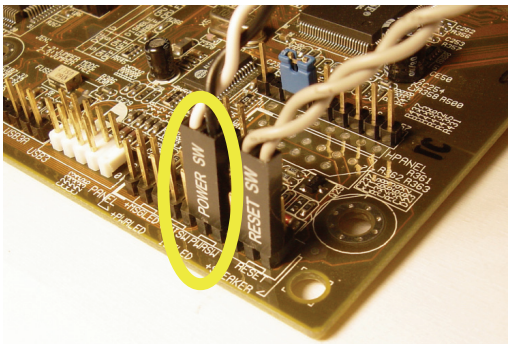
Hardware Installation

Warning

Unplug your PC's main power cord before installing VideoMate Vista E850F PCIe card. Failure to do so may cause damage to your VideoMate Vista E850F PCIe card and void your warranty.

1. Shut down your computer and **unplug main power cord.**
2. Remove the computer case cover.

Power Up Connections

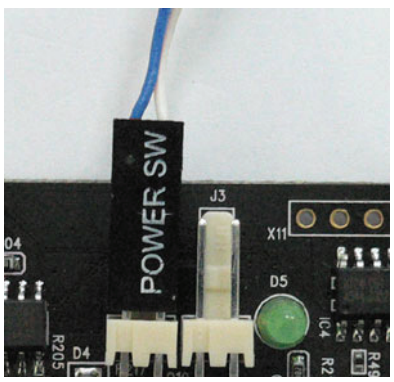


3. Locate the ATX power switch pins on your computer case and trace the wires to the power switch connector on your mainboard. The ATX power switch cable is normally a twisted pair cable with a two-pin connector as shown above.

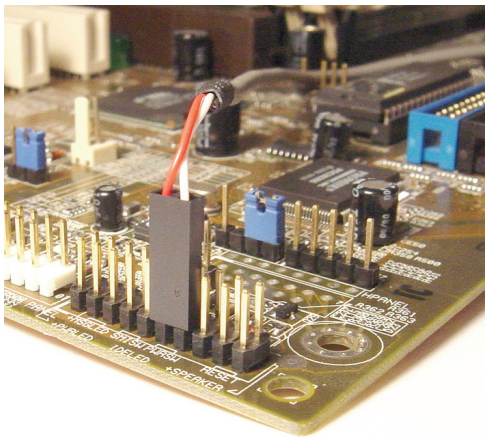
Note

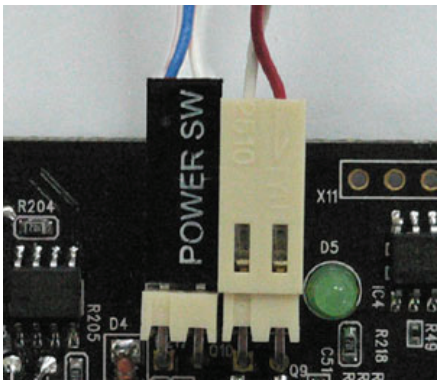
On the mainboard, the ATX power switch pins are usually labeled "POWER SW" or similar. It is vital to remember the position of these pins for a later step in the installation process.

4. Unplug the ATX power switch cable from the mainboard and connect it to the white connector named "JS1" on the VideoMate Vista E850F PCIe card, as shown on the right.



5. Connect the black socket of Power Up patch cable to the power switch connector on the mainboard.





6. Connect the white socket of Power Up patch cable to the connector named “JS2” on the VideoMate Vista E850F PCIe Tuner card.

Note

Double check your work. If you plug the cables into the incorrect pins, your PC may not start or otherwise function improperly.

Connect the white end of the Power Up patch cable to the TV tuner card and the black end to the mainboard.

Power Up Scheduling is not required for using VideoMate Vista E850F PCIe card. If you don’t want to use Power Up Scheduling from the Windows Shut down state, you can skip the power switch circuit connections, in other words, you can skip Power Up Connections in steps 3 through 6. You can still use scheduled recording from Standby mode or powered on state.

7. Insert VideoMate Vista E850F PCIe card in an open PCIe slot.

This completes the hardware installation. Please read the following notes and proceed to install the software.

Note

For best performance, the VideoMate Vista E850F PCIe card should not share its IRQ. For more information, please see the Troubleshooting section.

If the computer cannot be turned on, verify the position of the power patch cable on the mainboard. Consult the mainboard documentation to determine the position of the ATX power switch connector.

Power Up will start your computer 5 minutes in advance of the scheduled recording time, for example, if you have set ComproDTV 4 to record a program at 4 o'clock, it will start your computer at 3:55. Therefore, you need to shut down the computer before 3:54 in order to let Power Up start the computer.

Power Up from Windows Shutdown mode, i.e., ACPI S5 state, requires:

- An ATX power supply in your PC.
- Motherboard support for PCI Express x1 in order to have 3.3V standby power.
- ATX powers switch cable, which is a pair of twisted wires with a two-wire connector, as shown to the right.

If you don't have the above items, you can still use Power-Up Scheduling with Windows Stand by mode, i.e., ACPI S3 state, if your system supports it.

You can use VideoMate Vista E850F PCIe card without using Power Up Scheduling. If you don't want to use Power Up Scheduling from the Windows Shut down state, you can skip the power switch circuit connections.

The ATX power switch cable is not polarized. You can plug it in either direction.

Software Installation

After installing the PCIe card and cables in your computer, you should restart it and follow these steps to install the software.

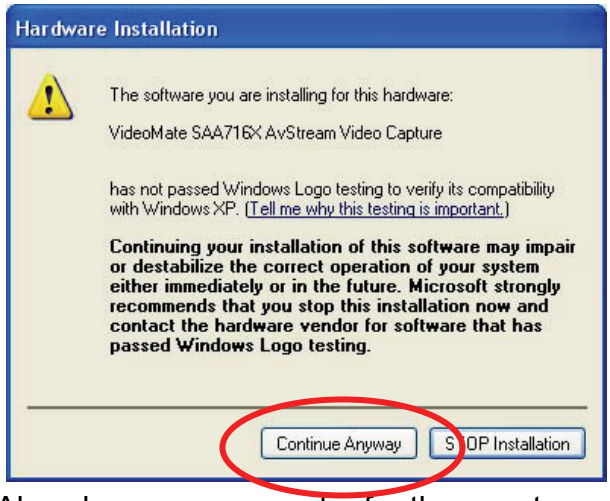
Step 1. After restarting, Windows will detect your VideoMate Vista E850F PCIe card and start the Add/Remove Hardware Wizard, prompting you to install the VideoMate Vista E850F PCIe card drivers. Please press **Cancel** and go to the next step.

Step 2. Insert the installation CD into your CD drive. If you have Autorun enabled, the installer will start automatically. (If Autorun is disabled, double-click on "setup.exe" on the installation CD.) Compro recommends you choose **Complete** to install all necessary software (VideoMate Vista E850F drivers, ComproDTV 4, and ComproFM 2) or choose **Custom** to install selected item by item. (We also provide the DirectX 9 and Acrobat Reader 6.0 software on the installation CD, you can explorer the CD folder and install them by your need.

Step 3. If you see the Windows Logo testing message, below, please press "**Continue Anyway**" to proceed.

Press **Next** to install ComproDTV 4, Windows Media Format 9 Series Runtime.

Step 4. After each program is successfully installed, press **Finish** to proceed.


Hardware Installation
The software you are installing for this hardware:
VideoMate SAA716X AvStream Video Capture
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation

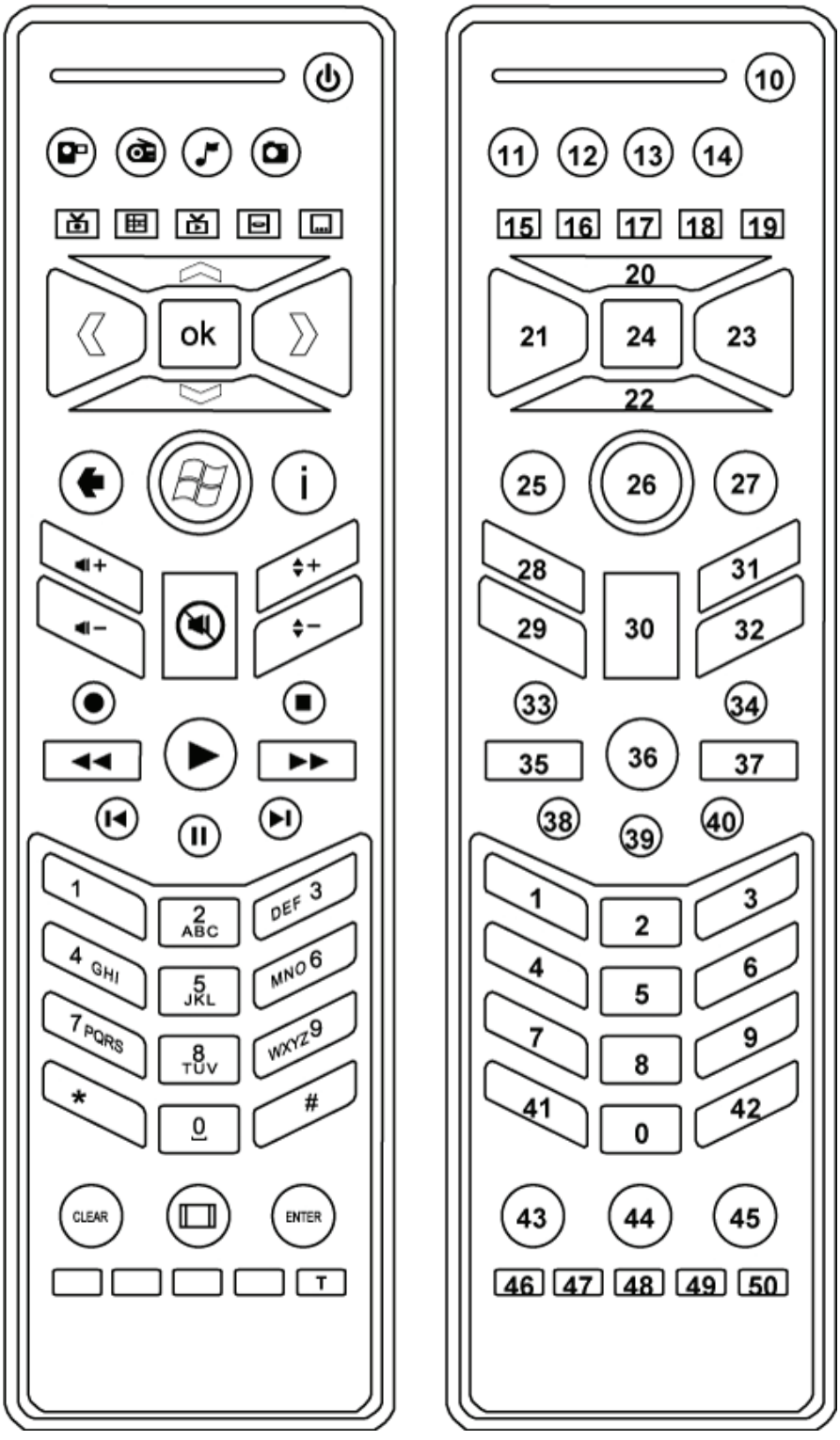
Step 5. When installation completes, press **Finish** to restart computer.

Step 6. When computer is restarted, please start up ComproDTV 4. Select **"VideoMate SAA716X AvStream Video Capture"** for Video Device. Also choose your country for the country selection and then press OK.

Step 7. It will ask you if you want to scan channels. Please select OK to start scanning. After channel scan is finished, please press OK and you are ready to enjoy.

Windows Media Center Remote for Vista E850F

Compro VideoMate Vista E850F bundles the easy-to-use Microsoft certified remote control to controls the Windows Media Center and also ComproDTV, ComproFM software. Some keys are special designed for Windows Vista Premium/Ultimate, it may not be used in Windows XP system.



No.	ComproDTV 4	ComproFM 2	Windows Media Center (MCE)
0-9	Number Key	Preset stations	Number Key
10	Power On/Sleep mode	Power On/Sleep mode	Into Sleep mode
11	Videos (MCE)	Videos (MCE)	Videos (MCE)
12	Radio (MCE)	Radio (MCE)	Radio (MCE)
13	Music (MCE)	Music (MCE)	Music (MCE)
14	Pictures (MCE)	Pictures (MCE)	Pictures (MCE)
15	Recorded TV (MCE)	Recorded TV (MCE)	Recorded TV (MCE)
16	MCE Guide	MCE Guide	MCE Guide
17	Live TV (MCE)	Live TV (MCE)	Live TV (MCE)
18	DVD Menu (MCE)	DVD Menu (MCE)	DVD Menu (MCE)
19	DVD Sub (MCE)	DVD Sub (MCE)	DVD Sub (MCE)
20	Up arrow or select Mono/Stereo/SAP	Up arrow	Up arrow
21	Replay	Scan channel(Down)	Left arrow
22	Down arrow or snapshot	Down arrow	Down arrow
23	Advance in Timeshifting	Scan channel(Up)	Right arrow
24	OK	Playlist	OK
25	EPG (US only)	Open on-line help	Back
26	Media Center	Media Center	Media Center
27	Zoom In/Out	Max/Min	More
28	Volume up	Volume up	Volume up
29	Volume down	Volume down	Volume down
30	Mute	Mute	Mute
31	Channel up	Channel up	Channel up
32	Channel down	Channel down	Channel down
33	Record	Record	Record
34	Stop/Live	Stop/Live	Stop/Live
35	Replay/Rewind	Rewind	Rewind
36	Timeshift Play/Pause	Play/Pause	Play/Pause
37	Advance/Fast forward	Fast forward	Fast forward
38	The last channel	The last channel	Skip rewind

39	Timeshift Play/Pause	Play/Pause	Play/Pause
40	Change scale of screen	-----	Skip Forward
41	-----	Enter frequency	-----
42	Channel surf	-----	-----
43	Sleep function	Sleep function	Clear
44	ComproDTV	ComproDTV	Zoom
45	Playlist	Playlist	Enter
46	C.C Language	-----	Red
47	ComproDVD	ComproDVD	Green
48	ComproDTV	ComproDTV	Yellow
49	ComproFM	ComproFM	Blue
50	Setup	Setup	Teletext on/off

Remote Power On/Off

Introduction

Compro has always focused on developing products of great convenience. VideoMate Vista E850F PCIe card features the Remote Power On/Off function for greater convenience. This section explains the details.

Integration of hardware and software support, you can start your computer from the shut down state by pressing a button on the remote keypad. You don't need to reach over to your computer anymore. You can also shut down the computer by remote control as well. No more mouse click on the screen. This feature converts your PC into a convenient home entertainment video appliance.

Using Remote Power On/Off

Make sure you follow the instructions of the installation guide. You will be able to use Remote Power On/Off immediately.

Remote Power On

Please put batteries in the remote control. **Pressing the power button which is on the top of remote control**, it will start your computer. If the computer does not start up, you may have to install the TV card's driver correctly and set a schedule first in order to use this feature.

Note

You must correctly install the Power Up connectors to use Remote Power On function. See Hardware Installation section above for more information.

There will be a two second delay before the PC powers on.

You have to install the TV card's driver correctly before using this feature.

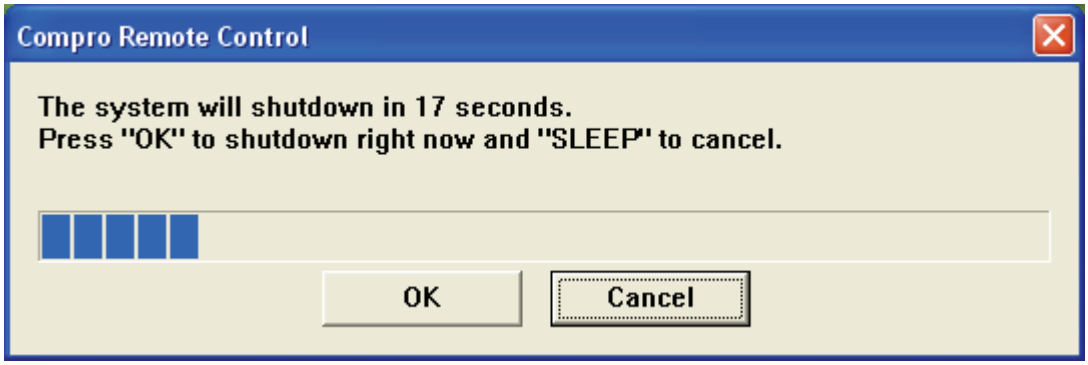
This feature cannot logon your system. You may need to enter your user name and password.

Remote Power Off

There are two situations for this operation.

When not watching TV, i.e. no ComproDTV 4 running:

Just press the "**CLEAR**" button on the lower-left corner on the remote keypad; you will see a dialog as shown below. Program will countdown 20 seconds to shutdown the computer. If you don't want to shut down the computer, please press the CLEAR button again, in other words, pressing the CLEAR key a second time is the same as pressing the "Cancel" button. You may also use your mouse to press the cancel button. Press OK to immediately shutdown the computer.


Compro Remote Control
The system will shutdown in 17 seconds.
Press "OK" to shutdown right now and "SLEEP" to cancel.
OK
Cancel

When watching TV, i.e. ComproDTV 4 is running:

Just press the CLEAR button on the lower-left corner on the remote keypad repeatedly, you will see the text on the screen turns to SLEEP OFF, SLEEP ON - 30 MINUTES, SLEEP ON - 1 HOUR, SLEEP ON - 2 HOURS, and SHUTDOWN. When the text shows SHUTDOWN, it will countdown 20 seconds to shutdown your computer. If you don't want to shutdown the computer, please press the CLEAR button again.

Note

Make sure you save all open files before using remote shutdown function.

ComproDTV Vista Gadget Tool for Vista

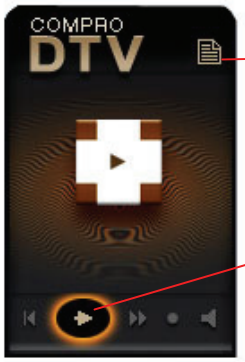
The Compro gadget tool is designed to provide the more convenient TV experience in Windows Vista. It will be installed from the Compro installation CD, and you can delete and add it from gadget setup.

Note

1. Vista Gadget is meant for Vista 32 bit operation system only.
2. Vista Gadget Tool needs the channel table from ComproDTV 4. Please autoscan all the available digital and analog channels in ComproDTV 4. Then you can use the Vista Ggadget Tool.
3. If there is no picture when you click the live TV button, please right-click the mouse button and select the video source you want.

UI Control

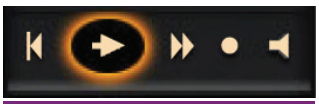
DTV Gadget has three modes including **Live TV mode, display playlist, and display scheduled list**.



This button can change modes between Live TV, display playlist and schedule list

Press the button to load device and start to play live TV

The buttons from left to right sides are:

	Channel down in live TV mode
	Start/Stop Live TV, Play/pause from playlist
	Channel Up in live TV mode
	Start/stop record live TV
	Mute

Playlist mode: It just displays first eight files in the list you recorded, if there are more than eight files in folder, the ninth file or rest of files will not be display. The figure in below shows the playlist style:

5 files and 3 empty items in list

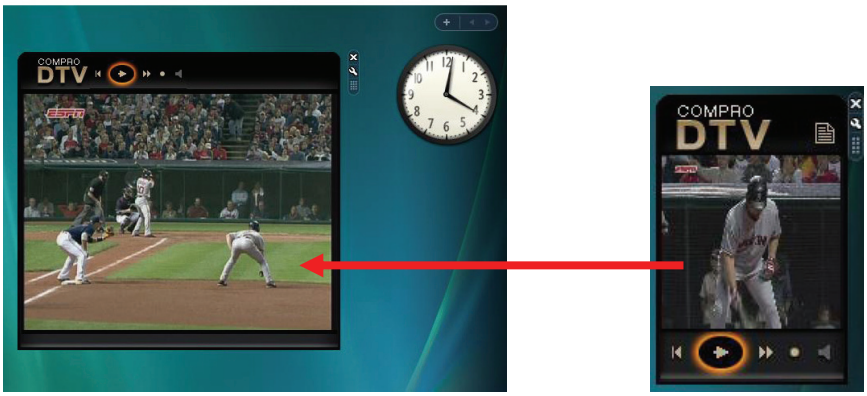
If clicking any files, the gadget will change to play mode from playlist mode, then playing the file you clicked.

Scheduler list mode: This mode will display the top 5 of your current scheduled list, you can click any of the scheduled item and check the detail information of it.

The last mode is schedule view which has two different parts. First, there is a table that has five rows; it means that schedule view will allow the first five schedules in the list. Second, if clicking the item, it will change to another part, which show in detail about the schedule you clicked. Clicking again will go back to first part. The process showed as below:

Dock and Undock Gadget Window:

Only docked gadget has three modes, the undocked gadget only support live TV/playback video mode, and its size is bigger than docked one. You can direct drag the gadget window to the other place out the sidebar and shows the bigger undock window to watch TV or playback recorded video files.

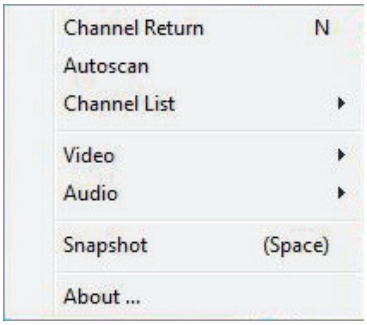


Directly drag gadget windows out the sidebar and shows the bigger window

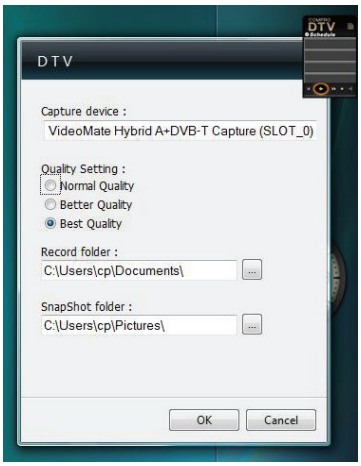
Because undocked gadget lacks playlist, if you wants to play a file in undocked mode, you can drop a file into the window of gadget to play a file .(in docked mode, you can also play a file by dropping a file into gadget) The control of button in undocked mode is the same as docked mode.

Pop Menu

Click the right mouse button on the gadget window; it will open the pop menu for selection. You can return to last channel, autoscan available channels, select channel to watch from channel list, select video source, adjust audio volume, or snapshot TV screen.



Gadget Settings



Settings of gadget have four parts included:

- Capture device : to select capture devices. (when running gadget first time or having more than one device, this item is needed)
- Quality setting : to select recording quality Normal, Better, Best Quality
- Record folder: a directory to place recorded files.
- Snapshot folder: a directory to place picture.

ComproDTV Windows Media Center Add-In

ComproDTV Add-In is practical feature for Windows Media Center. It provides you the most user-friendly environment. After install Compro software at Vista, just click the **Windows Media Center icon → program library → DTV Add-In**, and you can enjoy Live TV at Windows Media Center.

Note

1. ComproDTV Add-In is meant for Vista 32 bit operation system only.
2. ComproDTV Add-In needs the channel table from ComproDTV 4. Please autoscan all the available digital and analog channels in ComproDTV 4. Then you can use the Vista Ggadget Tool.
3. Please do the DTV Add-In Setup first in the Program Library of Media Center

---

While this environment provide you some useful function shown as below, when the function is working on, the text will turn blue to red while your mouse cross over it:

Full Screen button:

To enable the full screen mode of live the TV window.

Channel Scanning button:

To channel scan all the available channels.

Record button:

To record the TV show to your hardware drive.

Timeshifting button:

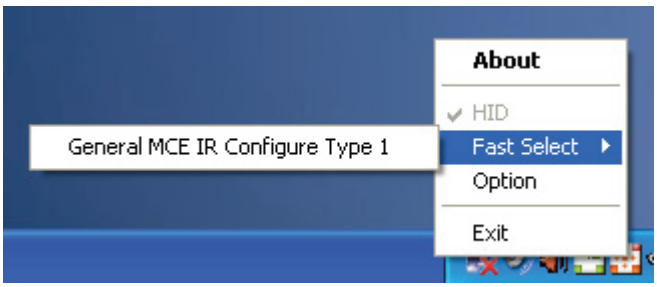
At Compro software will not forced to execute but let you control this function by yourself.

Snapshot button:

It provides you the more instinct interface. As soon as you snap one shot, and it will be shown directly on the left of DTV Add-In for preview.

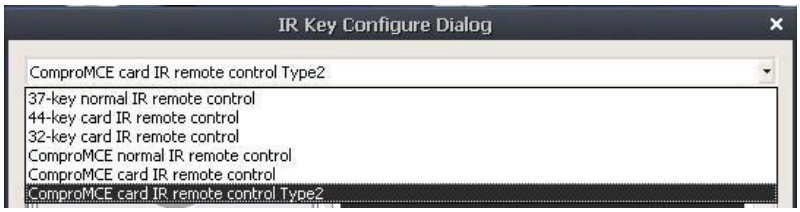
HID (Human Interface Device) for Compro Remote

After you install the software, you can see the remote logo show in your system bar.
You can choose the “Option” to enter the setup window.



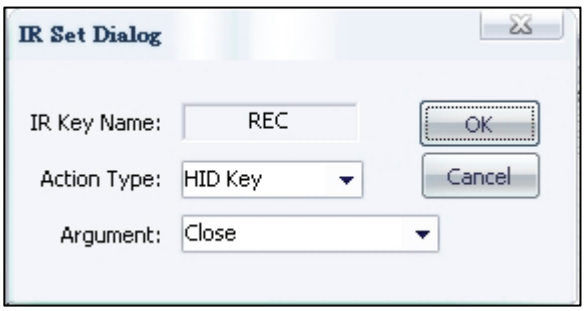
Setup:

Step 1: Choose the type of your remote control. (There are many type of remote from Compro, please select the remote picture as you have).


IR Key Configure Dialog
ComproMCE card IR remote control Type2
37-key normal IR remote control
44-key card IR remote control
32-key card IR remote control
ComproMCE normal IR remote control
ComproMCE card IR remote control
ComproMCE card IR remote control Type2

Step 2: Choose one IR function you want to change.

Step3: Set the IR dialog you want and press OK button.



Step4: Repeat setp1 to 3 to run all the changes.

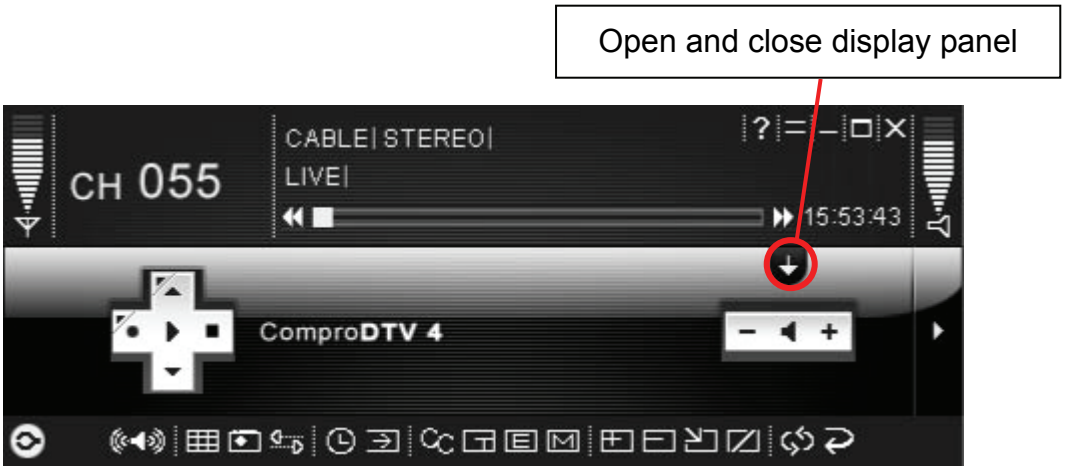
You can also set a whole new program of your remote control in some particular software or window.
Press “Add” button and enter the name you want. Repeat the step 1 to 4.

Note

If you have any Windows Media Center system in your PC, such as Windows MCE, Vista Premium, Vista Ultimate, this function can replace the windows remote control. HID can also combine the Compro software control in the MCE interface to make you more convenient.

Open and close the ComproDTV 4 display panel

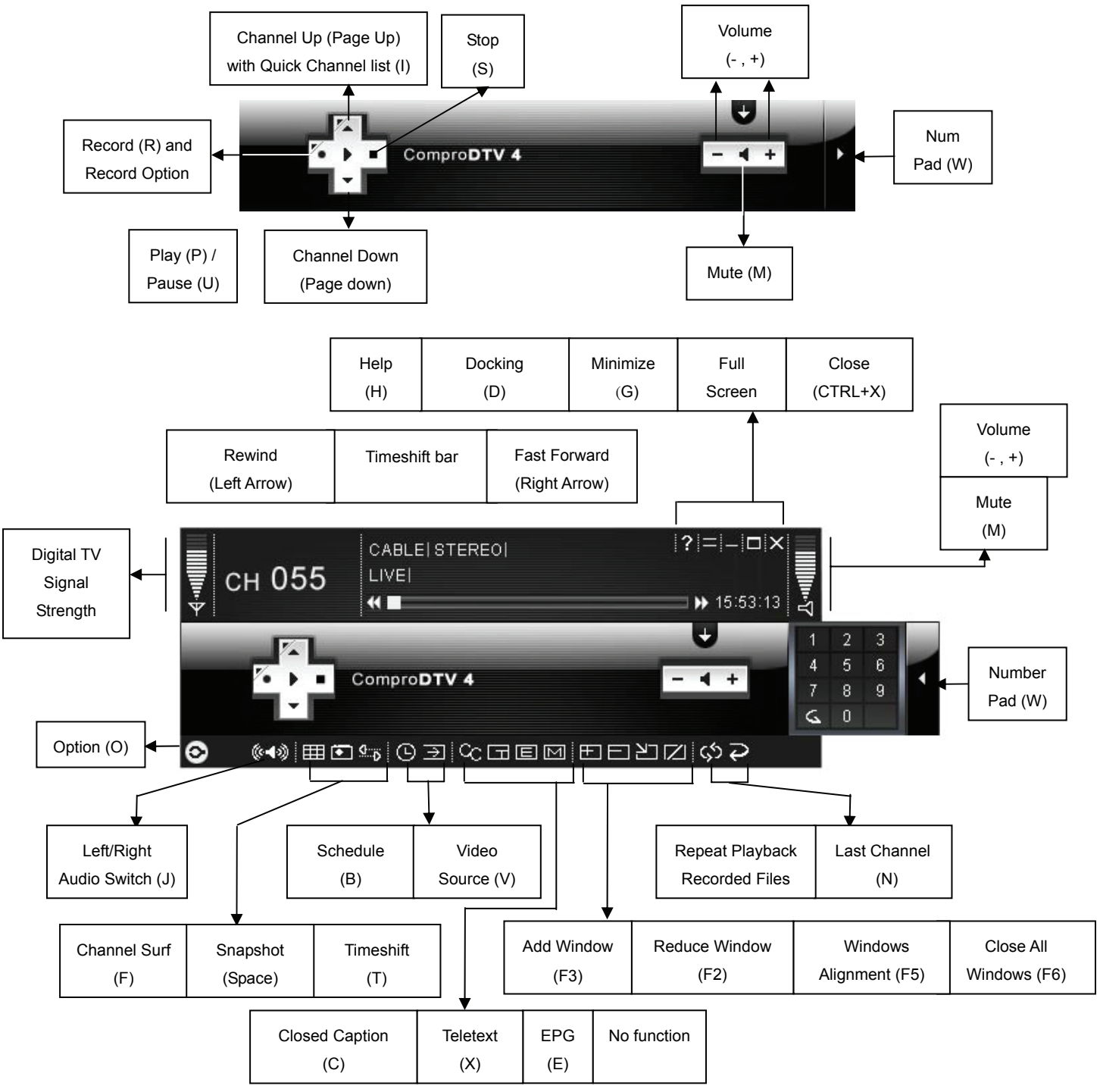
You can open and close the ComproDTV 4 display window by click the down arrow on the right of ComproDTV panel.

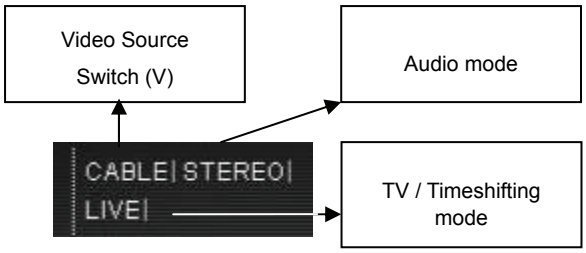


ComproDTV 4.2

Control Panel

The ComproDTV 4.2 control panel resembles the controls on a VCR. Please note that not all options are available at all times, and may be grayed out or inaccessible depending on your hardware setup and TV services available. The following figure gives you the function of the button with (Hot key)





HotKey	Description
A	Enable/Disable Always-on-Top function for TV window.(Oregon circle on the upper-right corner of the TV window)
L	Sleep function
F7	Video Desktop
F8	Open snapshot dialog box

Note: Language select is only available while the program supports it.

Start ComproDTV 4 and watch TV

After installation, just press the yellow button of the last line on the remote or double click the ComproDTV 4 icon on the desktop, you will be able to watch TV. Same as operating a normal TV set. Watch TV programs on your PC, in full-screen mode or in a window. Channel up and down. Close ComproDTV 4 and even shutdown the computer with the full function remote control keypad.

Options

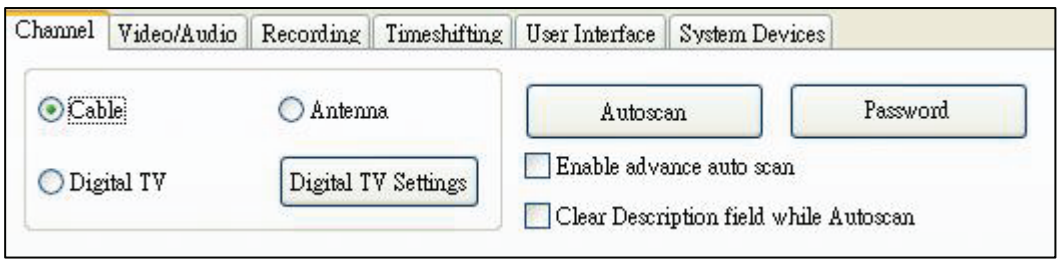
Press the Options button to open the Options dialog box. You can change detail settings of ComproDTV 4 here.

TV Settings

This option gives you the way to manually set the method of scanning TV programs. Select your choice here or use default channel table to do the scanning.

Autoscan

The first time you start ComproDTV 4, Autoscan will automatically scan for available TV channels for TV signals. Please select your TV source from analog cable/antenna or from digital antenna. You can rescan the channels at any time by pressing the **Autoscan** button. Also, you can enable the advanced autoscan for more precision scan result.



When **Autoscan** is finished, detected channels are automatically enabled and marked with the green check mark ☑. Channels, where a valid signal could not be detected, are disabled and marked with a blank. However, you can interrupt the scanning process by pressing the **Stop** button.

After you are finished scanning for available channels, you may select **OK** to return to the display window, or customize the channel orders according to your preferences.

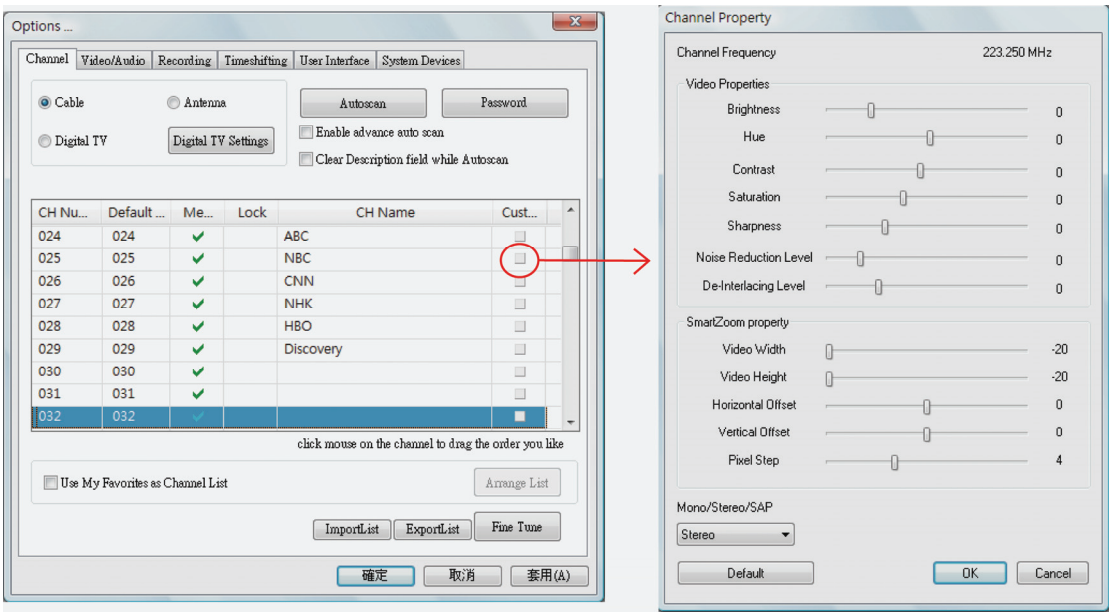
Channel Naming

You can customize the channel names by double-click on the **CH Name** field of the channel you wish to rename.

You can do more changes on the channel's property by right-click the mouse on the **Description field** of the channel you wish to edit.

Custom Settings for each channel

You can customize each channel properties by click the icon in "**Custom Settings**" filed and edit it.



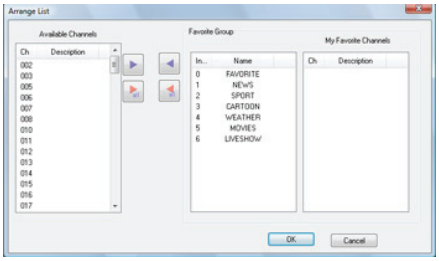
In the channel property settings, you can setup video color and noise reduction level, de-interlacing level for each channel (noise reduction level, de-interlacing level, and sharpness setting are not suitable for digital TV). The SmartZoom property setting only works when you choose the custom SmartZoom display mode.

Import and Export current channel list

If you have edited the channel name, fine tune channel, or customize channel settings. You can export the current channel list to text file and save it to other

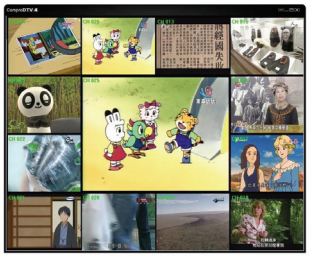
place. When you reinstall the ComproDTV 4 or your system, you can import the previous channel list and save your time for resetting it.

Using my favorite channel list



You can click to select using my favorite channel list from option window. And exit the list by yourselves to makes channel switch more convenient.

Channel Surfing



While watching TV, the channel surfing feature displays a 4x4 grid of channel images to give you an overview of available programming. Double click the channel screen can direct jump to the channel you want.

PIP/POP mode

Usually, digital TV station broadcasts multiple programs on one frequency. Therefore, ComproDTV 4 in Vista E850F TV card supports up to 1 main DVB-T channel windows, 3 sub channel windows, and playback recorded video file at the same time if available. Or watch 1 live analog TV show and playback recorded video file at once.

You can press the **Add/Reduce Window** button to open a slave window for that. Please see the following picture.

Main window has all features while slave window has limited functions only. Double-click on the slave window can switch the TV program to the main window. **Alignment Window** button will put slave window(s) into main window which is convenient for you to watch multiple programs on full screen mode.

The buttons on the upper-left corner slave window are Channel Up, Channel Down, Mute, Windows Alignment, and Close respectively. Slave window can be resized by mouse dragging lower-left corner to any ratio.

Advanced Multiple Video Display Mode

ComproDTV 4 also supports 2 or above Compro products connect and watch it at the same time. If you have more than one Compro analog or digital TV cards and USB TV box, you can use it to watch the live TV from different devices.

When Starting PIP mode, there will be two option for you to choose;

1. "Digital Sub Window" → If any one of connected products have digital TV feature.
2. "VideoMate xxx (another installed product name) Video Capture" → Other analog or digital TV cards/USB box.
   (Pictures below show the H900 for example of the second device)

Choosing the "Digital Sub Window" will open a new window to view the digital sub channels in the same frequency of the main window. Choosing the "VideoMate xxx Video Capture" will open a new window to view digital or analog channel with the second tuner in other products, which you are able to tune to any channel you prefer. However, you are only allowed to have one channel from the second tuner. Therefore, you can view total of five channels with main window's channel and three sub channels of the main window and another channel of the second tuner. Furthermore, you can also have another window to playback recorded file which now allows you to watch total of 6 windows at the same time.

Note

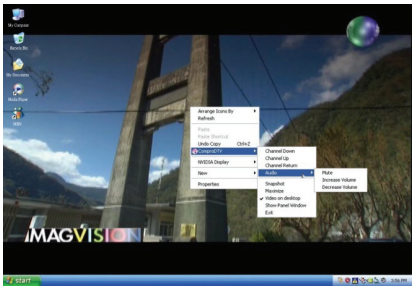
Running additional windows consumes more CPU usage. If CPU usage reaches 100%, then video lag will occur. Please reduce the number of windows.

When main window changes the channel to another frequency, slave window(s) will move to available programs of another frequency. The slave window will show black if there is no additional program on this frequency.

Slave window has no full screen mode. Please double-click on slave window to switch program with main window in order to do so.

It is available to hear audio on multiple programs at the same time. You can mute or un-mute the sound of slave window(s) at any time. However, main window audio can't be muted separately from slave window(s).

Video Desktop



While watching TV, you may right-click on the TV screen and select video on desktop or press the hotkey (F7) to activate Video Desktop mode. This mode makes the video source as your desktop screen. It is similar with full screen but the desktop icons and taskbar will remain on top. The following picture shows the TV on the desktop.

For the Video Desktop feature, you needs to enable the "Use Overlay Surface" feature in the setup dialog box of Option→Video/Audio.

Right-Click Mouse Menu

If using mouse to right-click on the TV screen, you can see a menu pop up. There are many useful options for your convenience.

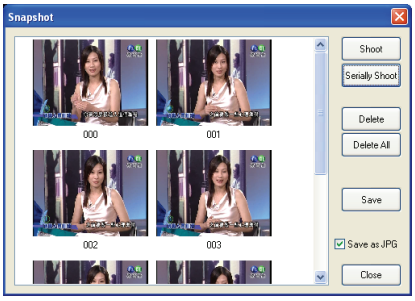
The right-click menu also provides **SmartZoom** feature to auto-fit or customize video screen for different type monitors, the **Aspect Ratio setting** provides 4:3, 16:9, 1.85:1, 2.35:1 and customize for different resolutions. Also, you can **Zoom In/Out** the video display screen to standard or 1/2X, 2X, 4X size.

Zooming image

If you would like to see more details on a certain part of a video image, you can press the mouse right button to drag a zone of the screen. You will see the zoomed image.

Also you can press the mouse right button and move on the screen to shift the zoomed area of the image. Just click the mouse left button to resume normal mode.

Still Image Capture



Click on the capture icon on the control panel or hit the "Space Bar" of the keyboard shortcut to capture an image of the display window. You can see the screen capture dialog as below. You can setup to save it as jpg or bmp format in the ComproDTV option → interface. And also setup the picture compress quality in jpg file.

Recording

ComproDTV 4 can directly record the TV shows or video into your hard disc and supports the recording formats below:

Digital TV: You can record the digital TV signal into MPEG-2and Transport Stream format

AanlogTV or video: Support MPEG-1/2/4 hardware encode and MPEG-2 software encode (Please unselect the ”Preview TV by Hardware Encodeing” item in Option→Video/Audio to enable this feature). VideoMate Vista E900F also support software MPEG-4 encode, (The 3rd party MPEG-4 CODEC required)

Press the **Record** button . ComproDTV 4 starts recording the video source currently showing in the display window. It will save it to a file on your disk. **If you already start recording, you still can click the record button to setup 30, 60, 90, and 120 minutes recording immediately. Thus, you can go out without worry about the record still ongoing.**

Press the Stop button to stop recording. ComproDTV 4 will save it automatically and show the file name on the screen.

You can also use the schedule recording by press **Schedule** button on control panel of ComproDTV 4.

Timeshifting

Timeshifting temporarily saves the video to your hard disk for a specified period of time so that you can pause, replay, or skip commercials during live TV, without interrupting an ongoing recording session.

Press the **Timeshifting** button and the Time Monitoring bar will appear.

You may also press the **Advance** (for commercial skip) and **Replay** (for instant replay) buttons on the control panel or remote control to navigate through the program. When you return to your seat, you can resume viewing the program from the point when you left.

Straight-to-Disc

Click on the top left corner of the icon on the control panel and select Straight-to-Disc. The Vista E850F TV card supports DVD formats direct recording in digital and analog TV.

You can see the straight-to-disc dialog as above.

Format: Display the recording format.

Device: Choose the DVD-R device here.

Erase Disk: If the disc is re-writable and not empty, you need to erase it first.

Start Burning: Press this button to start burning disc.

Stop: Press the button on the control panel to stop burning.

Cancel: Press this button to exit the dialog.

Note

You need to install the bundled Ulead DVD MovieFactory 5 SE software in order to have this feature. If you don't have Ulead DVD MovieFactory 5 SE in the package, then this model doesn't support it.

ComproDTV will estimate your DVD capacity automatically. It will stop recording when it comes full.

ComproFM 2

Introduction

ComproFM lets you enjoy FM radio programs on your PC. Listen to music or other programs while you work or browse the Internet.

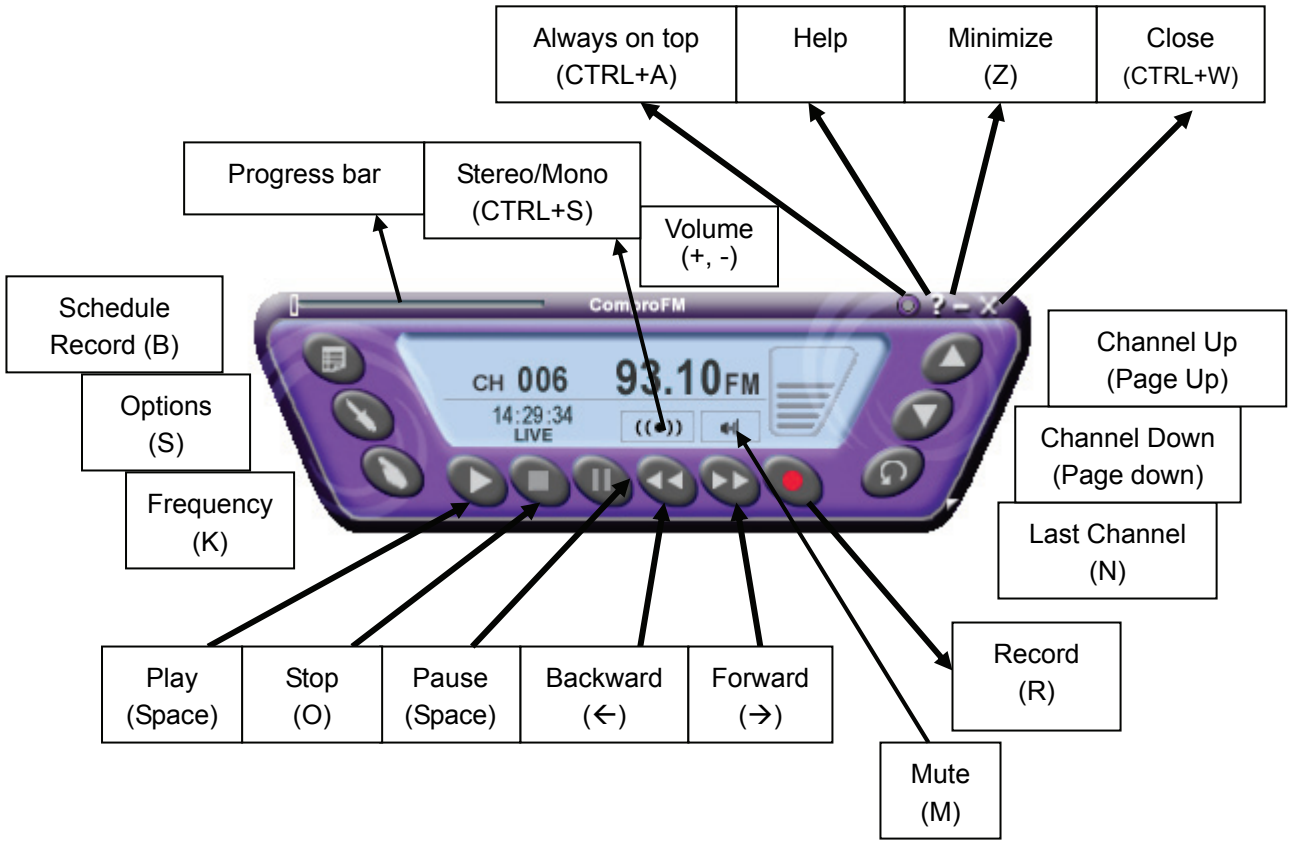
Note

The hardware needs to have FM tuner in order to use ComproFM.

This section provides basic information for ComproFM. For more details, please check the help file of ComproFM or the manual in the installation CD.

Control Panel

The following describe the ComproFM control panel functions, and tips for using ComproFM. The following figure gives you the function of the button with (Hot Key.)



Troubleshooting

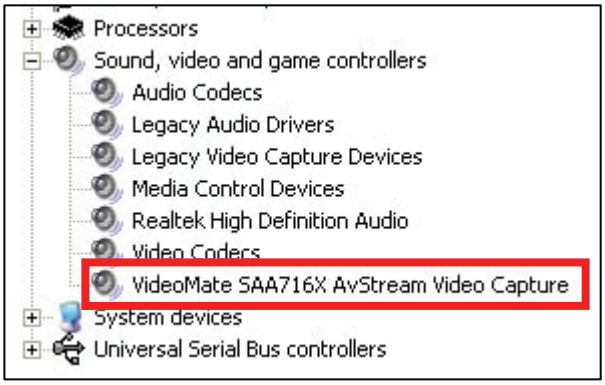
OS requirement

VideoMate Vista E850F PCIe card has to work on Windows XP SP2 or Vista. You are welcome to www.WindowsUpdate.com website for the Service Pack update of Microsoft.

VideoMate Vista E850F PCIe card can also works on Microsoft XP Media Center 2005. Make sure you have install driver correctly (see below) and DVD decoder like ComproDVD, NVDVD or WinDVD 6.0. For more information on MCE 2005, please check Microsoft website.

Driver Installation

The most common cause of problems with the TV Tuner Card is incorrect installation of the TV capture and TV tuner drivers. If you have problems watching, recording, or timeshifting live TV, please check the status of the drivers with Device Manager.



You should see "VideoMate SAA716X AVStream Video Capture" devices, in the "Sound, video and game controllers" section of Windows Device Manager.

If these drivers are not there, uninstalling and reinstalling the VideoMate Vista E850F PCIe card drivers can help. Use the Add/Remove Programs Control Panel applet to uninstall the drivers. Reinstalling the drivers should fix this problem.

No digital broadcast signal

In order to receive digital terrestrial TV broadcasts, an antenna is crucial. Digital terrestrial TV broadcast uses about the same wave frequencies as analog TV (UHF). It's recommended to have a fishbone-like antenna (see figure) on the roof for reception.

Make sure you position the antenna in the direction of the TV broadcast base. Adjust the position for the best reception.

Digital terrestrial TV's determined by government policy. The broadcast bases will be increased in order to cover the entire country. Please check the related government website for more information about the strength of digital terrestrial TV broadcast in your area.

You can check how good the signal is in your location by performing a simple test. Please plug in the antenna into an analog TV set. Then check if this TV set can receive a good TV signal. If the picture is not clear, the digital terrestrial TV broadcast signal is about the same. The difference is when the program data is not sufficient, you may see a blank screen or the video will be scrambled.

Note

Digital TV broadcast is different than normal analog TV. You will see no picture instead of noisy or blurred picture when the signal is too weak. Make sure you have a good antenna and strong digital TV signal in your location. Or you will have no TV picture at all.

Why won't my PC start?

Don't panic. The most common reason for this is because you connected the ATX power switch cable to the wrong pins on the mainboard. Verify the position of the power patch cable on the mainboard. Check the mainboard documentation to verify the position of the connector for ATX power switch cable.

If that doesn't help, remove the TV card and restart your PC. If you still cannot turn the computer on, the problem is not caused by VideoMate TV. Recheck the ATX power switch cable connection.

My PC cannot shut down?

In rare circumstances, the VideoMate Vista E850F PCIe card must be reset. Unplugging the AC power cord from the PC case for 10 seconds will reset the card.

When you set up for scheduled recording, VideoMate Vista E850F PCIe card will issue the Power Up signal to the computer until ComproDTV 4 starts. If your computer cannot start ComproDTV 4 for some reason, the TV tuner card will try to wake up PC even while you shut it down. Unplug the main power cord to reset VideoMate TV card. You can shut down the computer normally after that.

Other possible causes of this problem include:

1. If you have a multi-Boot system and ComproDTV 4 is not installed and running on the default OS. Solutions: Set the default OS properly or install ComproDTV 4 on the default OS.

2. There may be other, independent problems preventing Windows from starting normally. Solution: Remove the VideoMate Vista E850F PCIe card and troubleshoot PC start up. Remember to correctly reconnect the power switch cables.

3. Some external software may be interfering with ComproDTV 4. Shutting down unnecessary software can help.

4. The ComproDTV 4 Scheduler shortcut is missing from the Programs “Startup” folder. Reinstalling ComproDTV 4 can help.

Can I playback recorded video in main window?

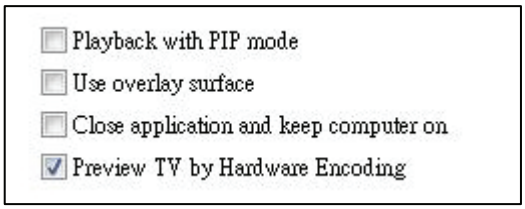
Yes, you may deselect “Playback in PIP mode” in “Video/Audio” tab which can be found under “Options” of ComproDTV 4.

You may also playback in sub window, then double click the screen to switch the content of the main and sub window.

Why are images scrambled？

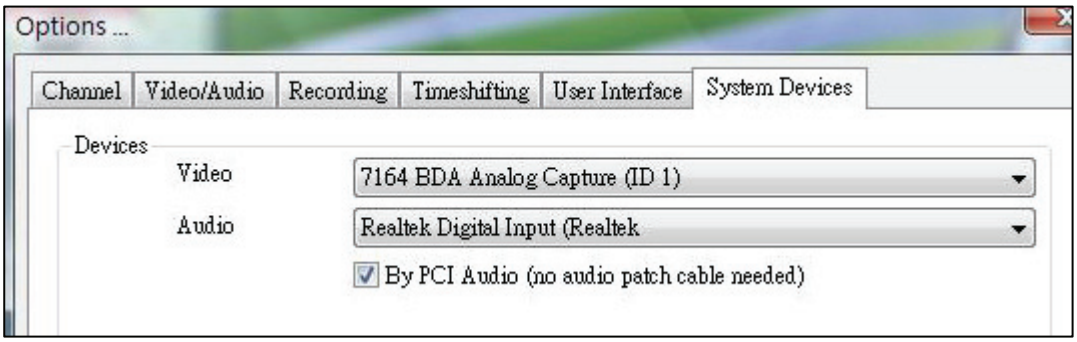
Please update the video and sound card drivers from vendors’ web sites. Make sure the driver for motherboard chipset is also up to date. The default drivers supplied with the Windows operating system are usually too old to operate correctly. If you still have problems, please install the latest ComproDTV 4 and driver from our website.

Video/Audio unsync or audio not normal



If the audio and video are in not sync, please check the “Preview TV by Hardware Encoding” box which improves the sync between audio and video. In addition, it also removes the audio popping and cracking noise which is sometimes audible during your viewing. Do note that when this option is enabled, you will experience a lag in the video inputs, including S-video, composite and component.

The VideoMate Vista E850F using PCI audo as default audio. You don’t have to connect the AUX-Out audio cable in XP or Vista system. Only when you encouter the unnormal audio (like echo). You can use the AUX-Out cable and uncheck the “PCI Audio” item.



Why does the remote control fail?

The remote control sensor, which is plugged into the TV card, may be loose. Please unplug it and plug it in again. You should also check the batteries of the remote control. Do not use rechargeable batteries.

Verify that the IR icon (ComproRemote) is in the system tray on the lower-right corner of the screen. If you don't have ComproRemote on the system tray, start the following program:

C:\Program Files\ Common Files\VideoMate\ComproRemoteDTV.exe

Then you should see the icon on the system tray. The IR icon should turn bright when you press buttons on the remote.

If you see no response, please move your mouse cursor on the IR icon. If you see it shows “No Device,” your drivers may not be not properly installed. Please remove ComproDTV 4 using "Add/Remove programs" in the Control Panel and reinstall it.

Some devices may emit the IR signals. Please check if there are any microwaves or lights that may be doing this. And make sure as few cables as possible are crossing the IR receiver.

Why are images scrambled？

Please update the video and sound card drivers from vendors' web sites. Make sure the driver for motherboard chipset is also up to date. The default drivers supplied with the Windows operating system are usually too old to operate correctly. If you still have problems, please install the latest ComproDTV 4 and driver from our website.

Why can't I playback the recorded video?

The usual reason for this problem is conflict with some CODEC software, such as Nimo, K-Lite, and Stormcodec. This kind of software forces applications to use their CODEC for play back. Therefore, the recorded file cannot be played since an incompatible CODEC is being used for playback. Uninstalling the CODEC software will help. Also reinstalling DirectX usually solves the problem. (See our website for how to reinstall DirectX)

Contacting Compro Technical Support

Before you submit an email for support, please check support FAQs on our web site. **http://www.comprousa.com/New/tw/supports.html**

You can download the latest update from our website. Many issues should be solved on the newer version. When contacting Compro for technical support, please use the Compro support request form and provide as much of the requested information as possible. Please write the details in order to determine the problem. And also provide the product serial number (15 digits numbers) on the PCI-E card. Please use the form from below or email to **support@comprousa.com** or use the customer service form from the link: **http://www.comprousa.com/New/tw/form.htm**

Note

Make sure you include the information of hitting the button of "E-mail Info" in the Device Settings in Settings of ComproDTV 4 in order to determine the problem.

In order to solve the problem quickly, it is very important to provide as much detail as possible.